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Nov 71

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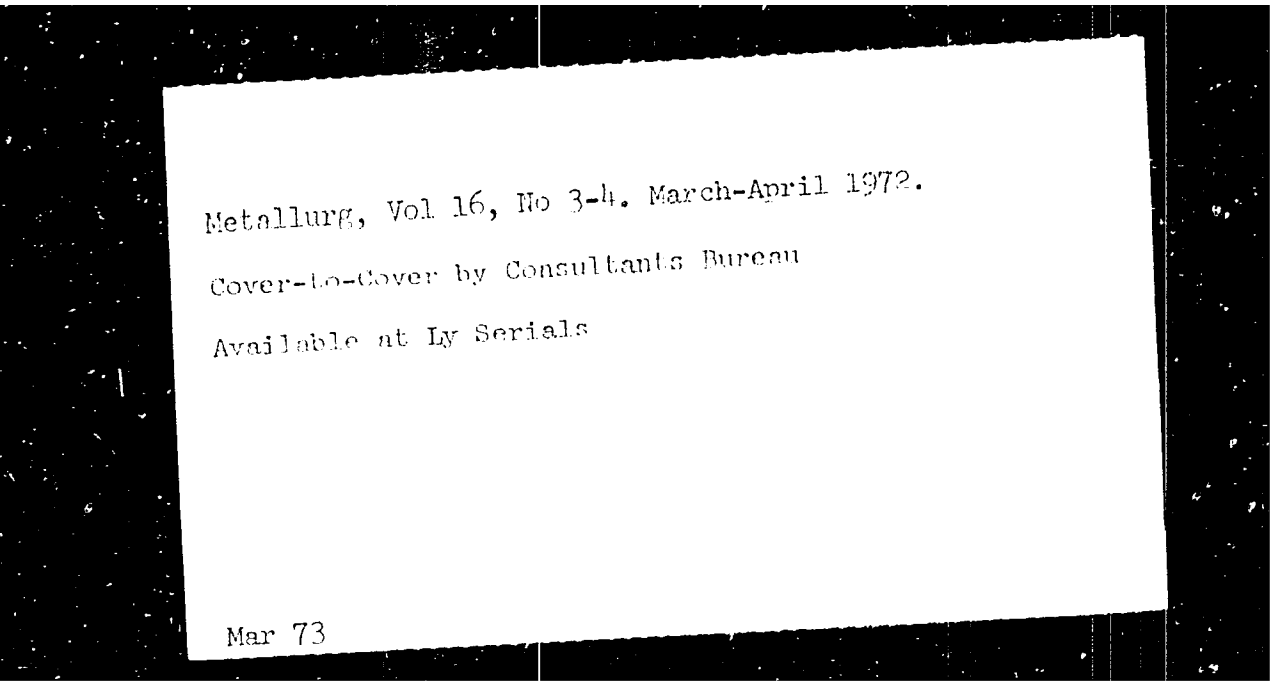

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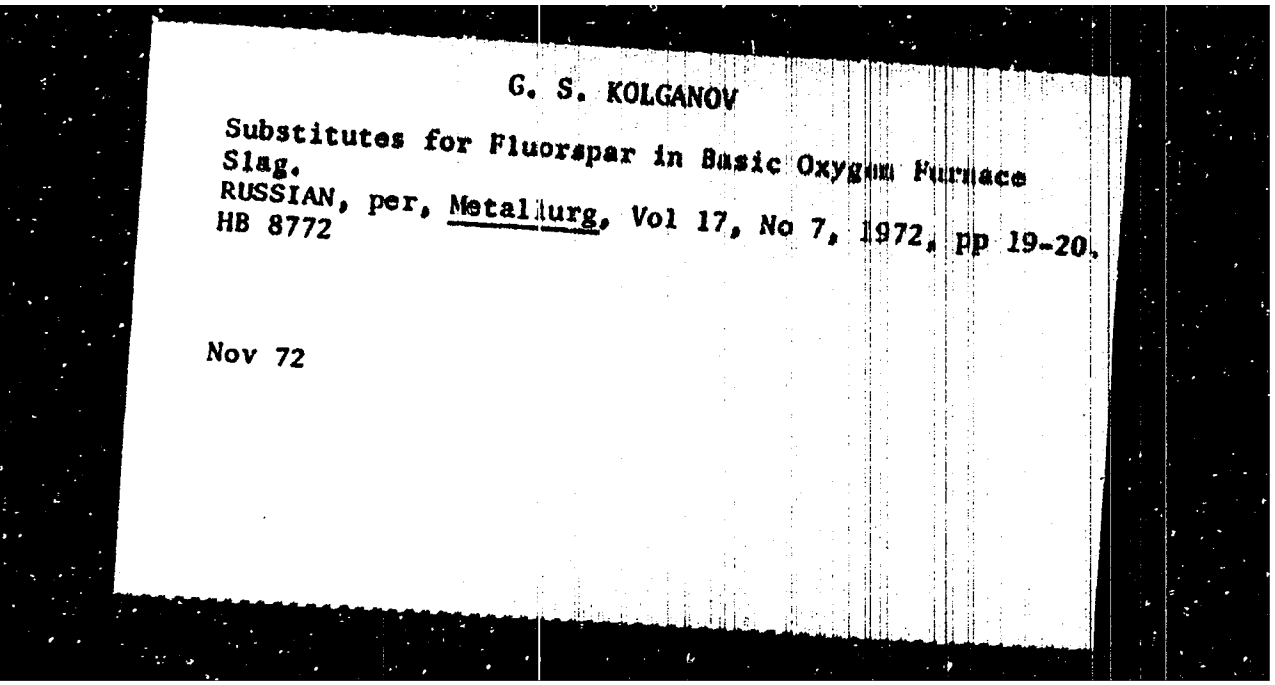

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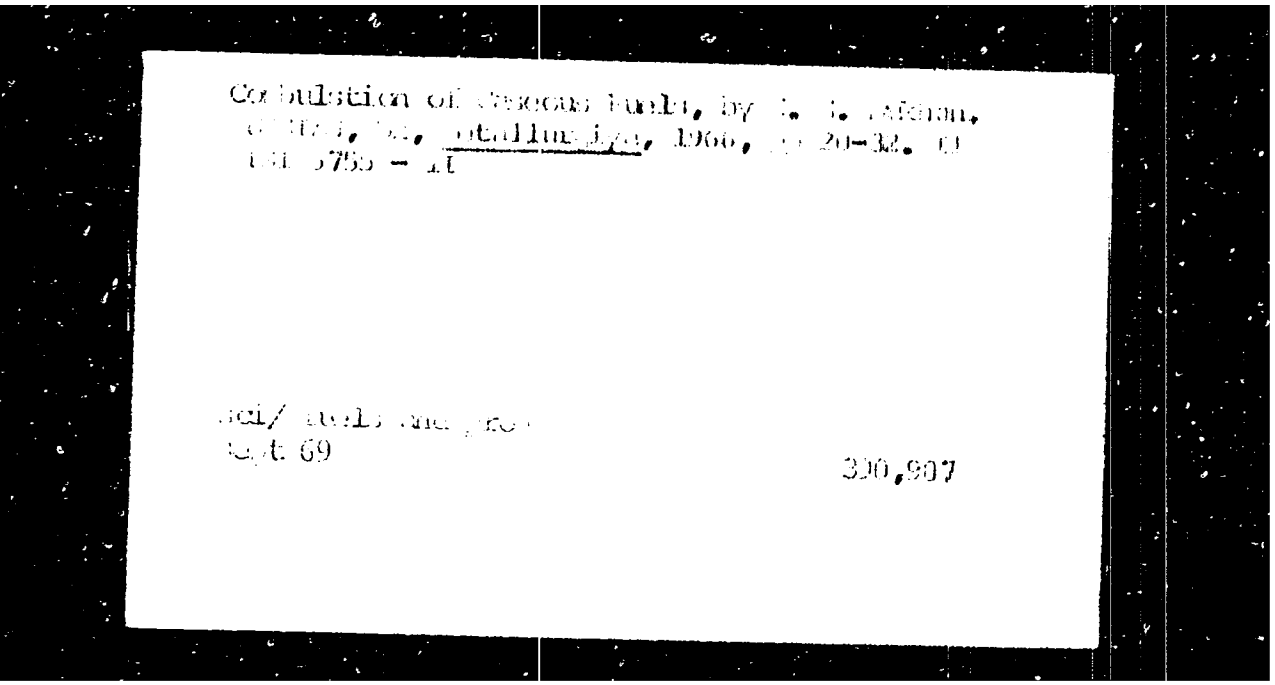

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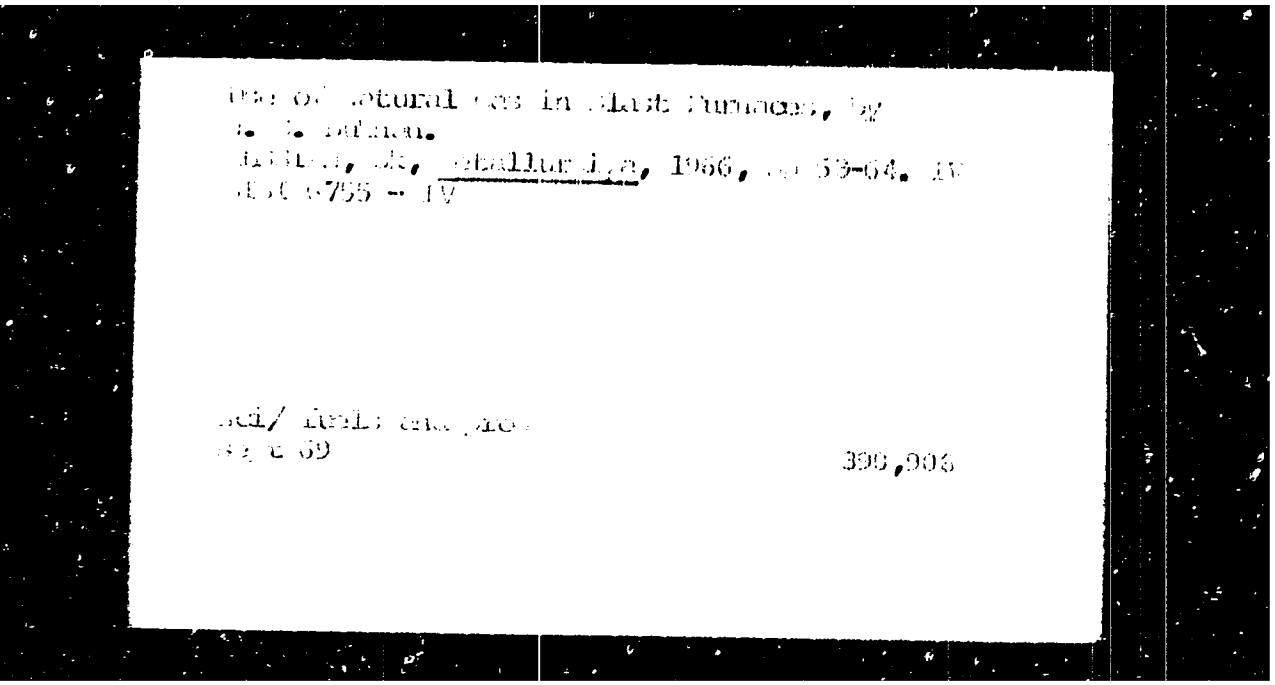

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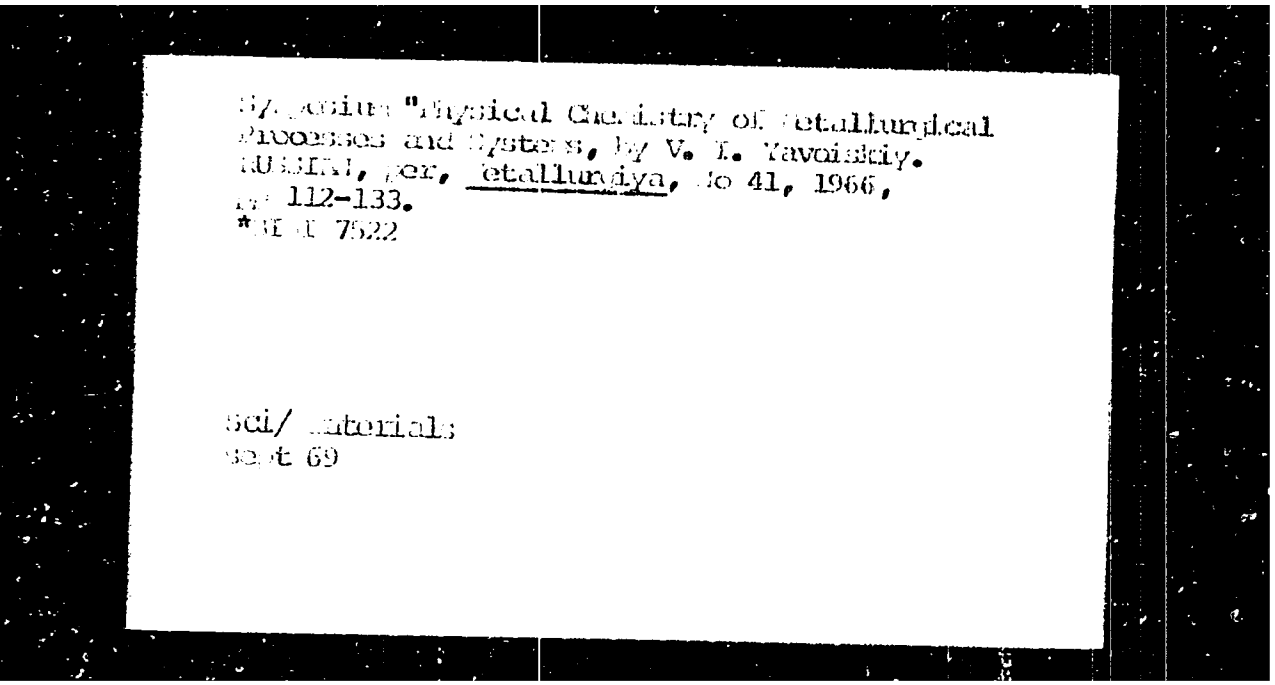

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REQ TR CHECK 28-8-05 TGH3

SURFACE PHENOMENA AND THEIR EFFECT IN WELDING HIGH STRENGTH STEELS
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ZAKHAROV A M
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Trans.
5329

X-RAY STUDY OF THE FINE STRUCTURE OF SUPER-
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N.A. Sokolov et al.
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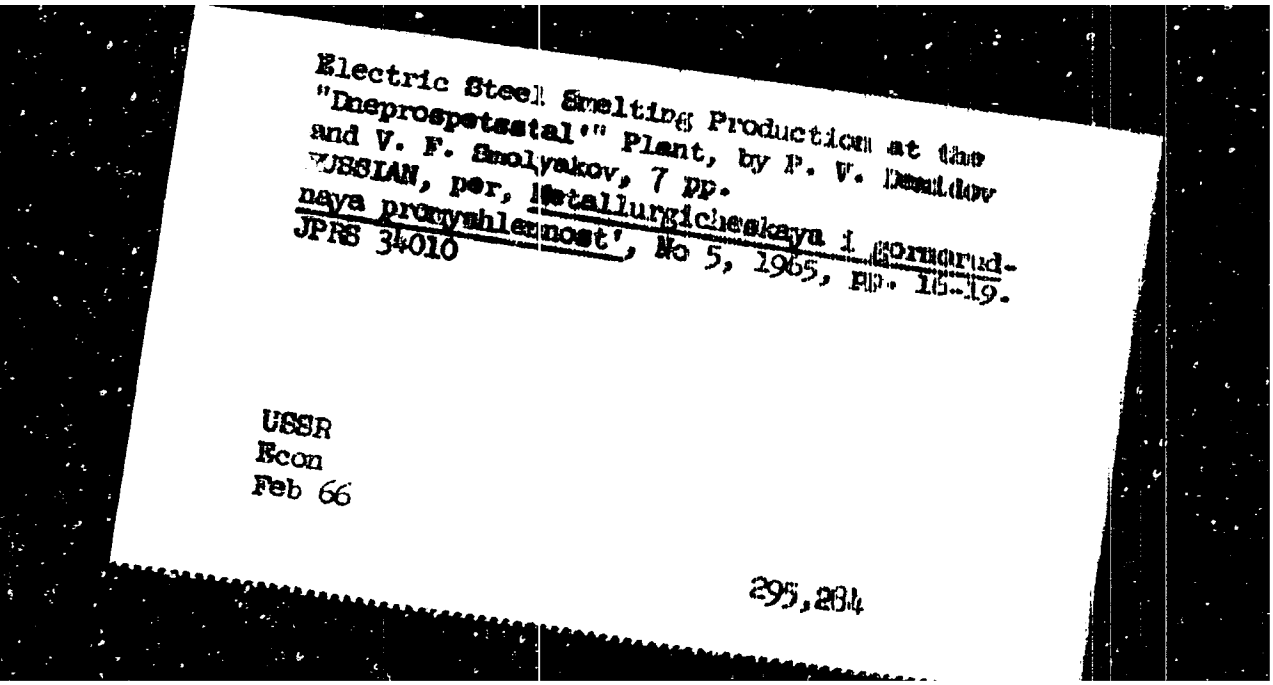

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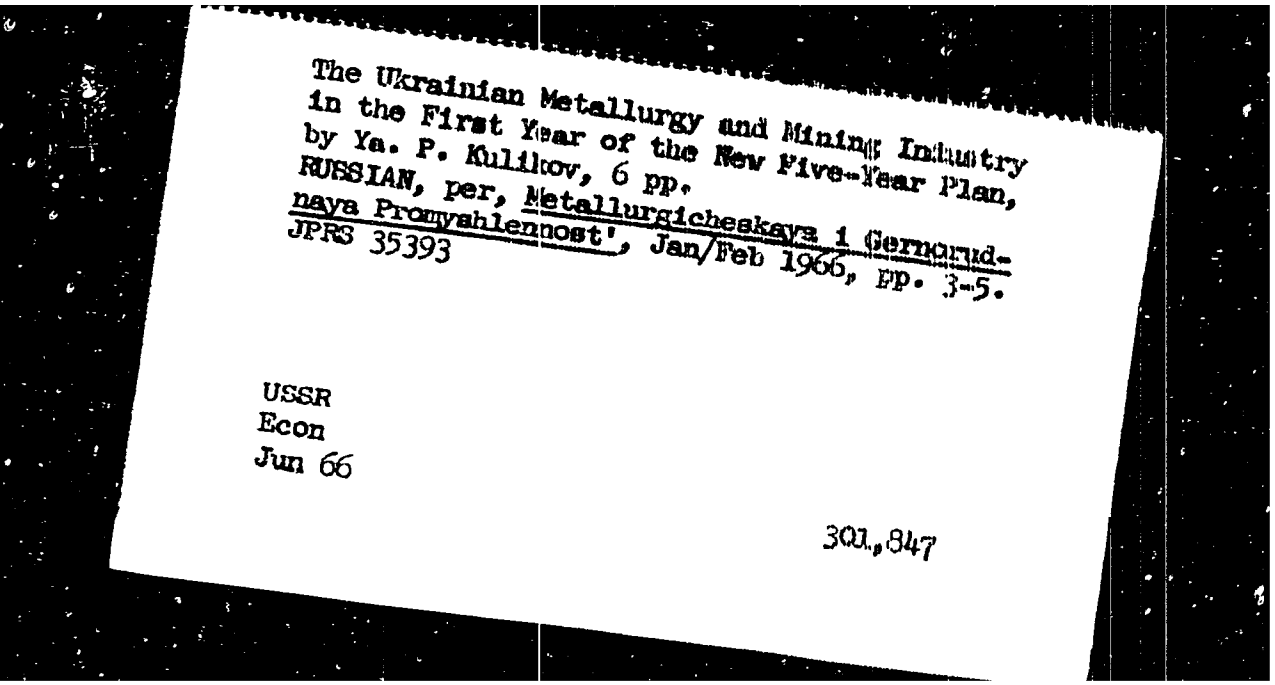

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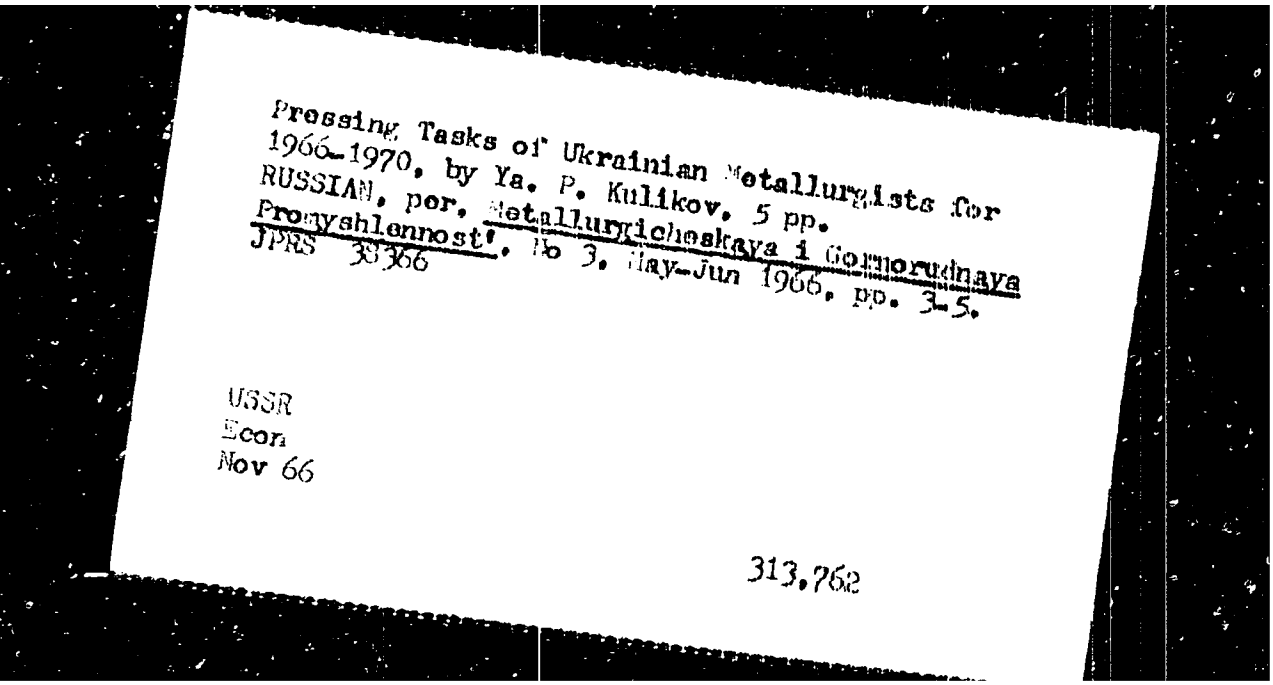

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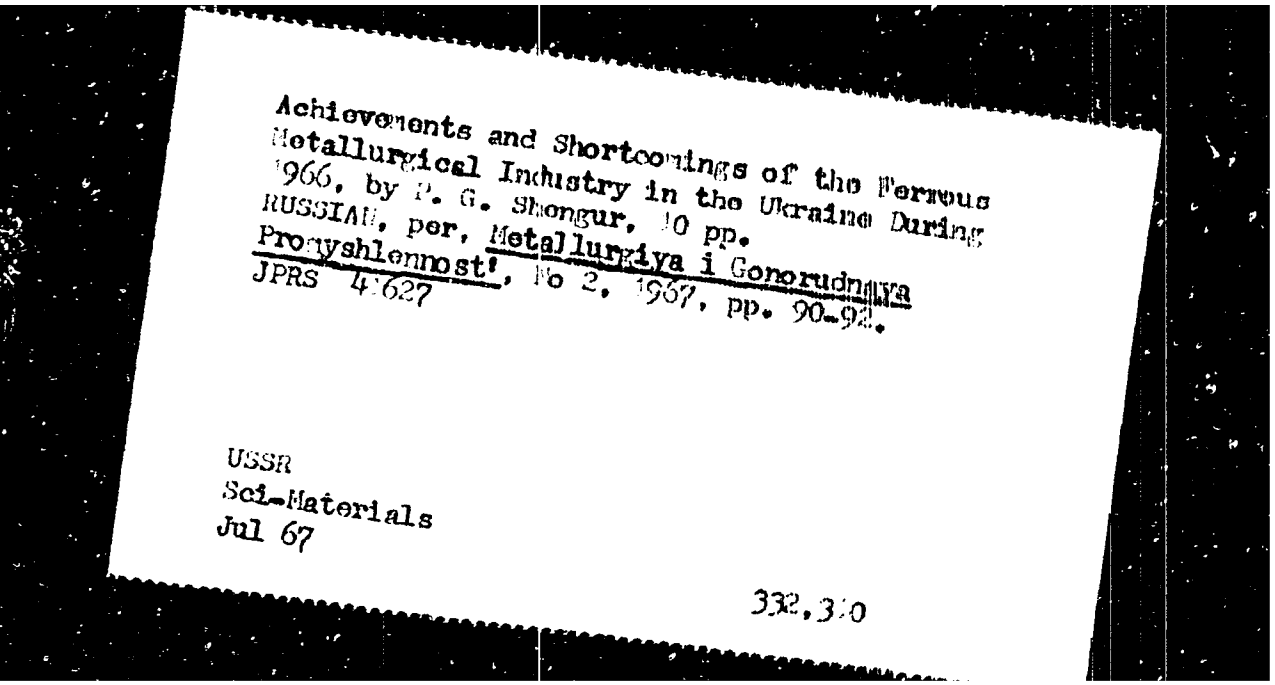

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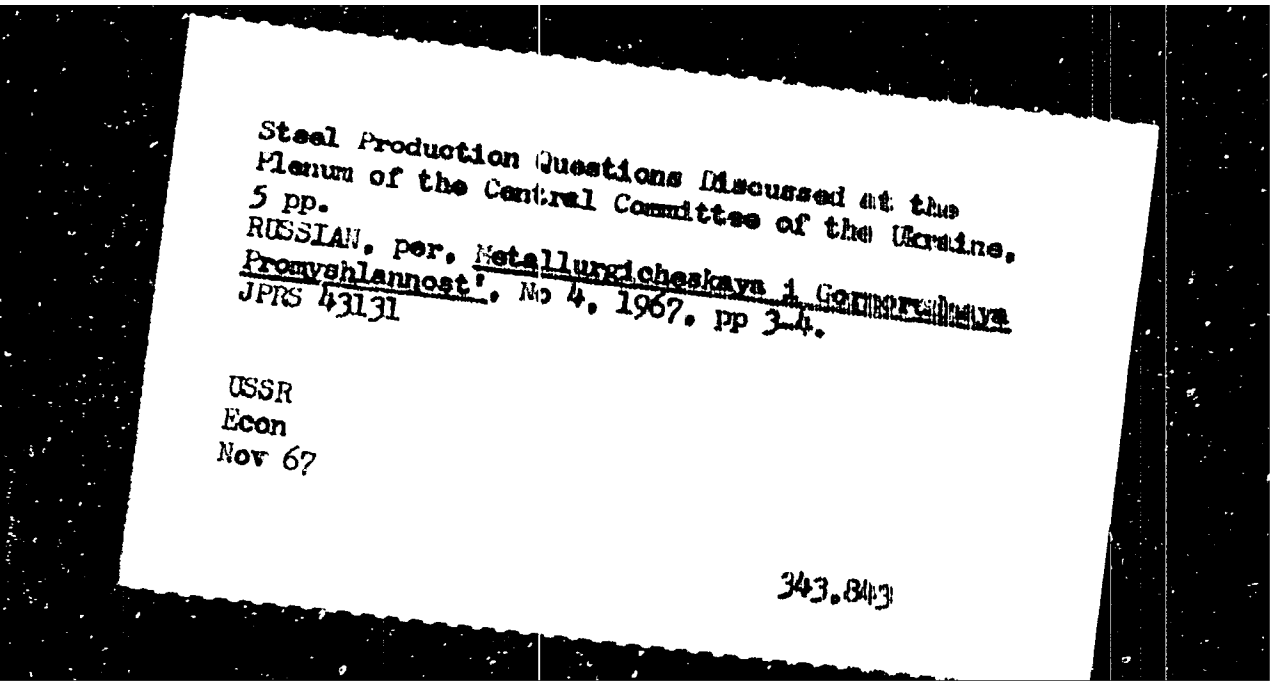

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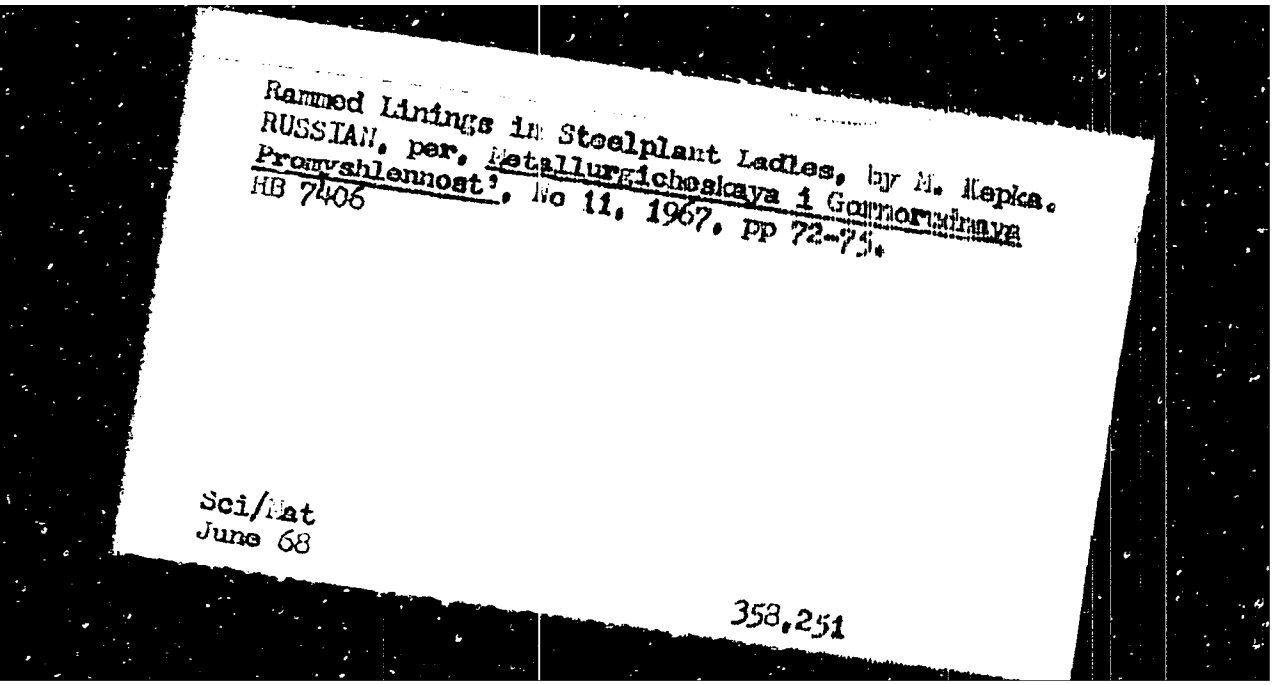

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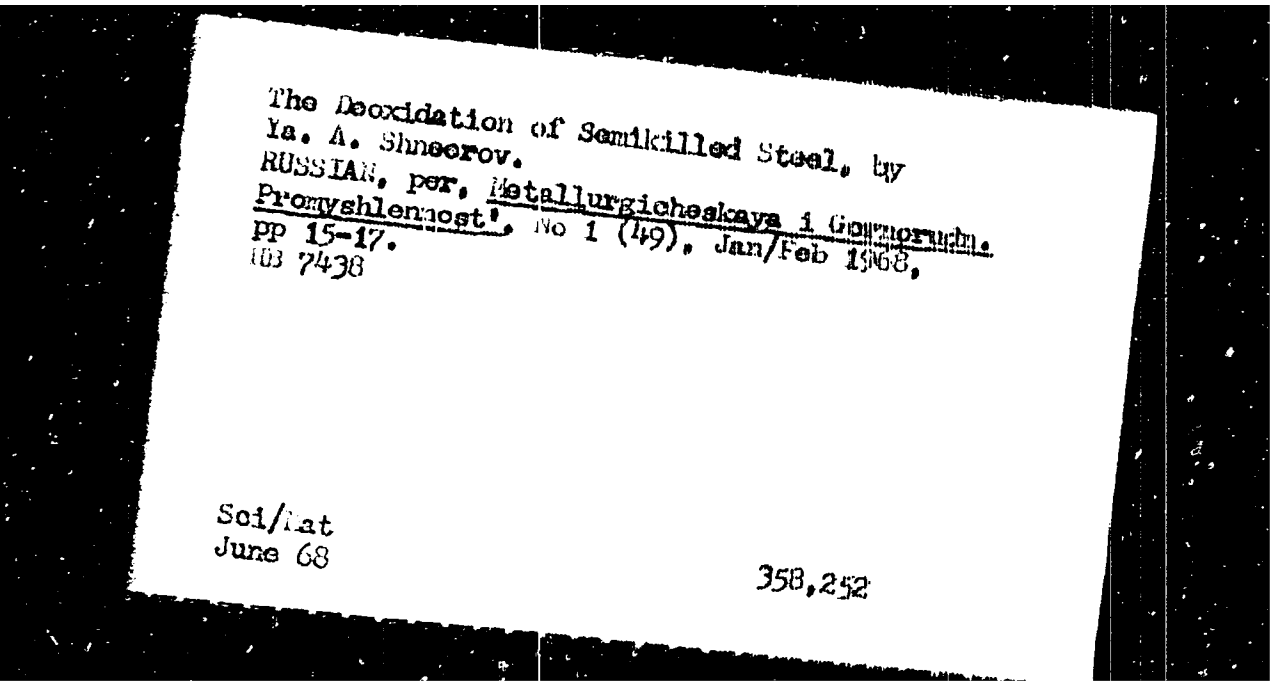

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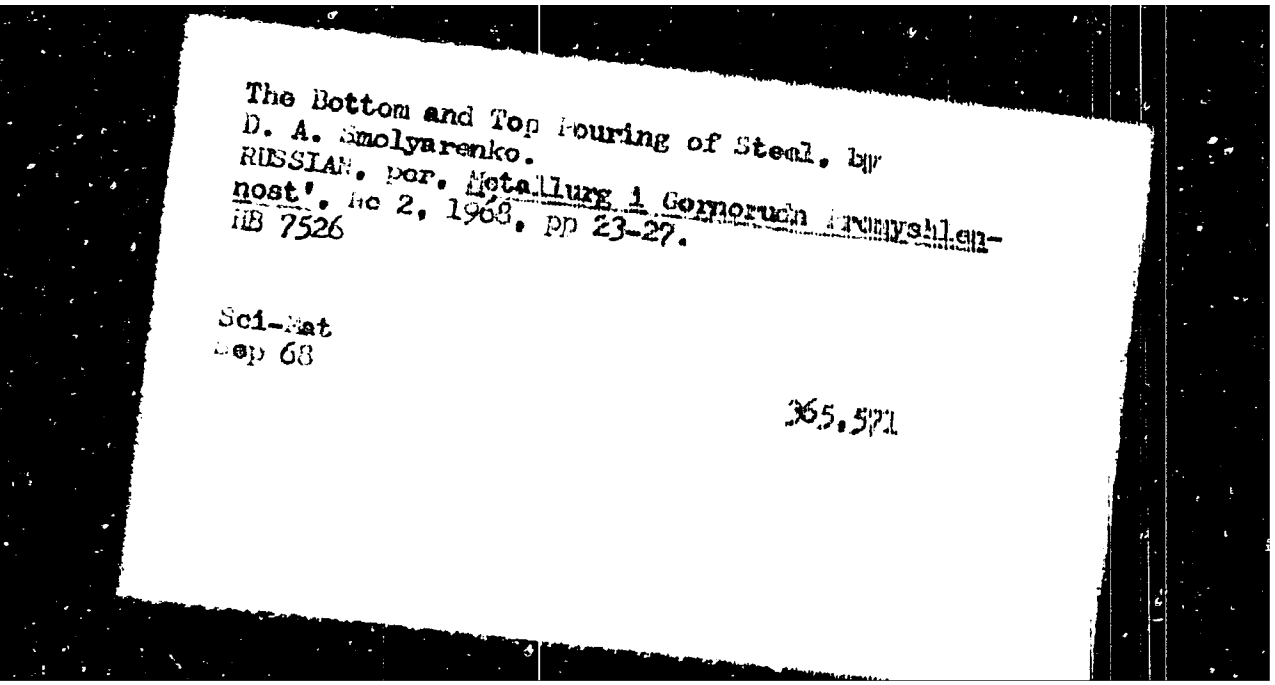

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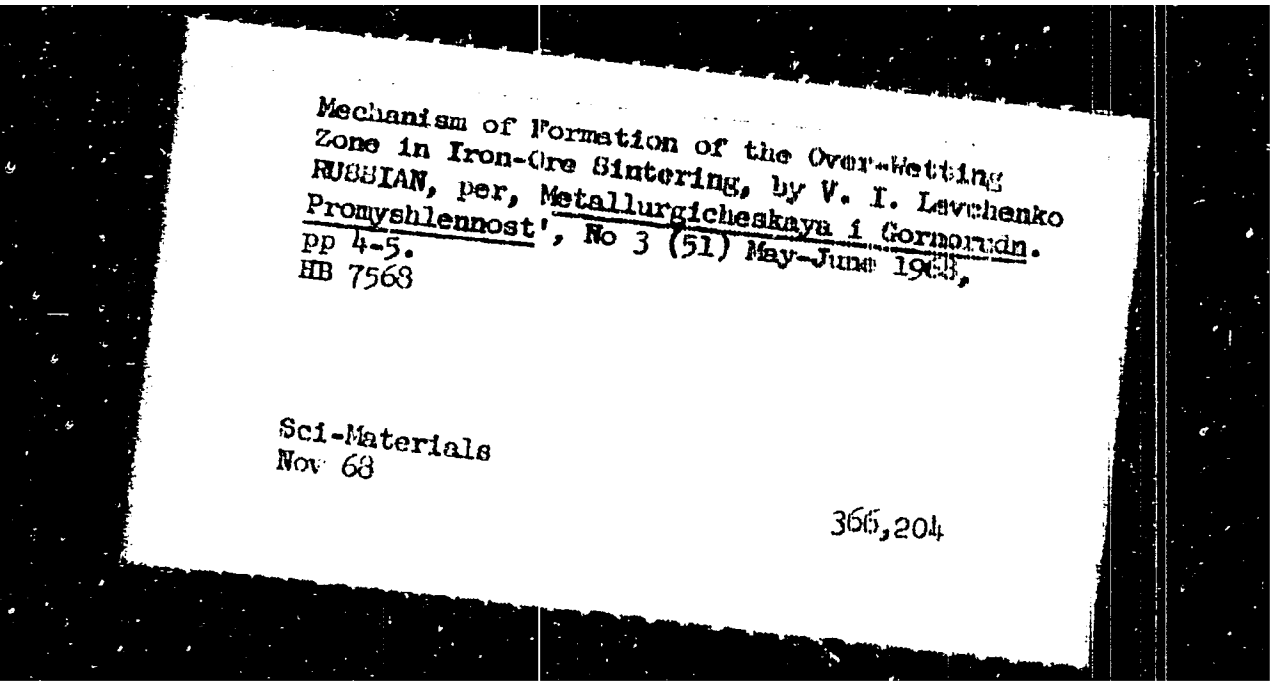

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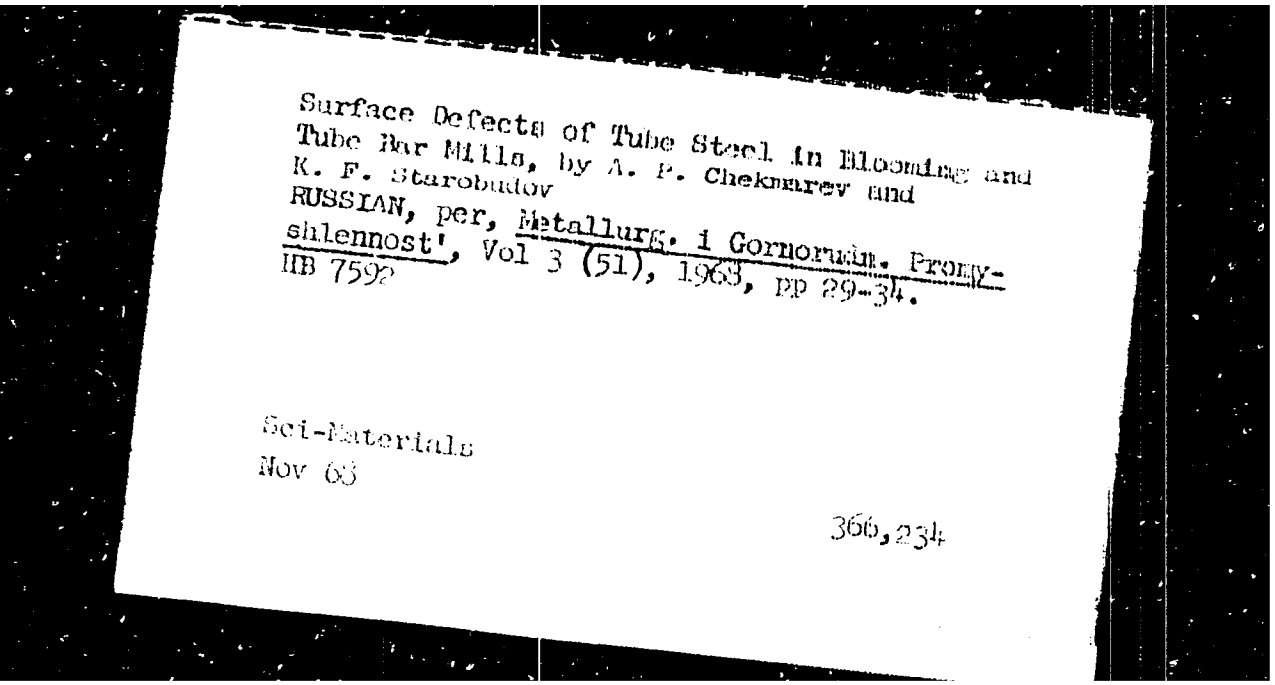

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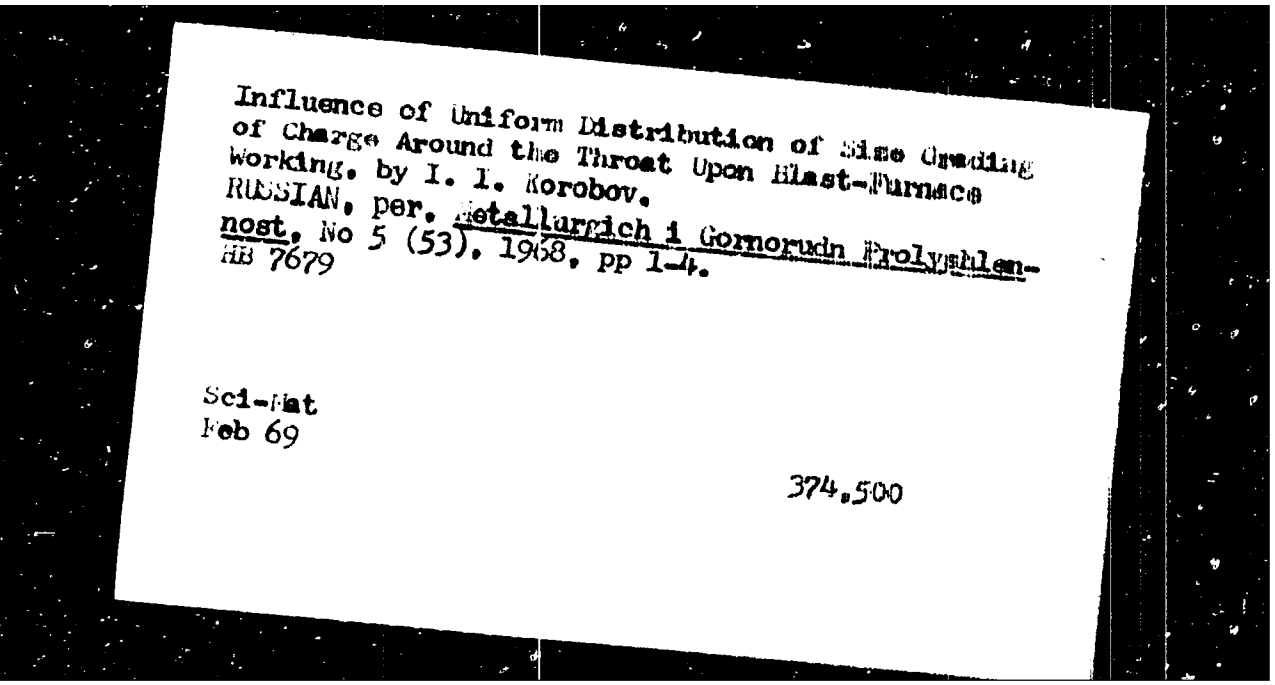

Influence of Uniform Distribution of Size Grading of Charge Around the Throat Upon Blast-Furnace Working. by I. I. Korobov.
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Feb 69

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The Pouring of Rimming and Semikilled Steel into Ingot Molds with Semi-Closed Tops, by Ya. A. Shneerov.
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Increasing the Output of an 850/610/555
Roughing Mill, by A. P. Cholomarev, S. M. Buinevich.
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HB 7702

Sci/Mat
Nov 70

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Mar 69

377,719

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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Development of a Prododure for the Single-Stage Thermal Strengthening of Welded Gas/Petroleum Pipelines Made from Low-Carbon Steel, by Z. N. Krasil'shchikov.
RUSSIAN, per, Metallurg. I Gornorudn. Promyshlennost', No 5, 1968, pp 39-41.
HB 7682

Sci-Materials
April 69

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

Filippova, T. F.

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METALLURG. GORNORUDN. PROM, No 5, 1968, pp 44-45

HB 7681

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

Lengthening the Service Life of Molds for Slabbing Ingots by Changes to Design. by B. Sh. Sal'man. RUSSIAN. per. Metallurgich i Gornorudn Promyshlennost', No 5, 1968, pp 49-50.
HB 7678

Sci-Mat
Feb 69

374.511

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Technological Features of the Treatment of Irons with Ti Sponge for the Casting of Large Ingot Molds, by L. M. Cherkasov. RUSSIAN, per, Metallurgiya i Gornordn. Promyshlennost, No 6, 1968, pp 43-46.
HB 7750

CRU

Sci-Nat
June 69

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Increasing the Life of Parts by Surface Strain Hardening, by V. F. Kucherenko. 7 pp.
RUSSIAN, per, Metallurgicheskaya i Gornorudnaya Promyshlennost', No 6, 1968, pp 63-66.
AIR/FTD/MT-24-160-70

Sci-Mat
Dec 70

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

Desulfurization of Pig Iron with Magnesium Metal in Ladles, by I. I. Shestopalov, et al.
RUSSIAN, per, Metallurg i Gornorudn Prom, Vol 10, No 2, 1969, pp 6-8.
HB 7884

Sci-Mat
June 70

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Continuous Casting of Carbon Steel on a Curved-Mold Machine, by V. T. Shchukhtsyev, et al. [illegible], or, Metallurg. i Gornorudn. Promyshlennost', Vol 10, No 2, 1969, pp 15-17.

US 7795

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Dec 69

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First Industrial Installation for Feeding Technological Lubricants for the Hot Rolling of Steel, by A. P. Chekmarev, et al.
RUSSIAN, per, Metallurg i Gornorudn Prom, Vol 5, No 2, 1969, pp 17-20.
HB 8089

Sci-Mat
June 70

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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Quality of Sheet Mill Rolls Improved by Casting from Magnesium-Treated Iron, by L. S. Rudnitskii, RUSSIAN, per. Metallurg i Gornorudnaya Promyshlennost', Vol 10, No 3, 1969. HB 7948

Sci/Mat
Sep 70

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

Investigation of Reduction Processes When Roasting a Blue Powder on a Burden Containing Pellets, by A. G. Gurel'man, et al.
USSR, Ser. Metallurg i Gornorudn. Promyshlennost', Vol. 10, No 3, 1969, pp 5-8.
AM 7977

Sci/Materials
Feb 70

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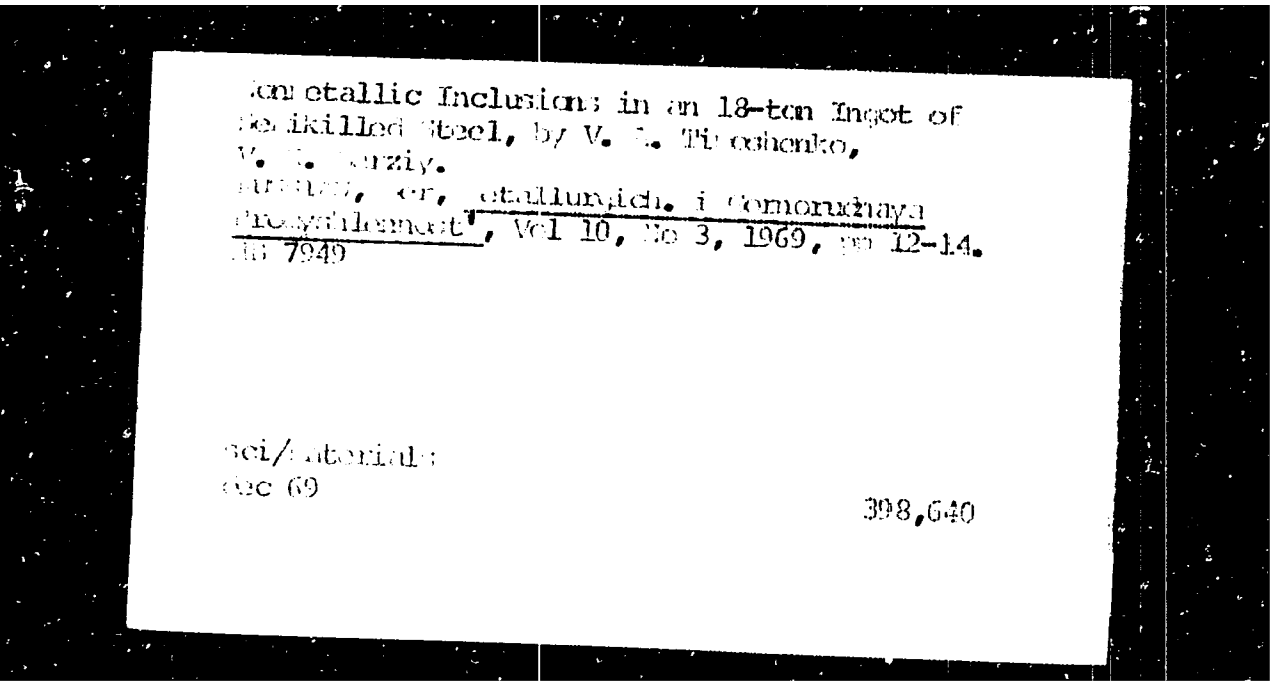

Non-metallic Inclusions in an 18-ton Ingot of Semikilled Steel, by V. I. Timoshenko, V. G. Gerzin.

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Jan 7949

Steel/Materials
Dec 69

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Disintegration of pellets on extraction, by
V. I. Ivanov, et al.
Khim. prom., Moskva, Ekstraktsiya i tonkoye
izmel'cheniye, Vol 10, No 4, 1969, pp 9-11.
GS 8082

Sci/Materials
Feb 70

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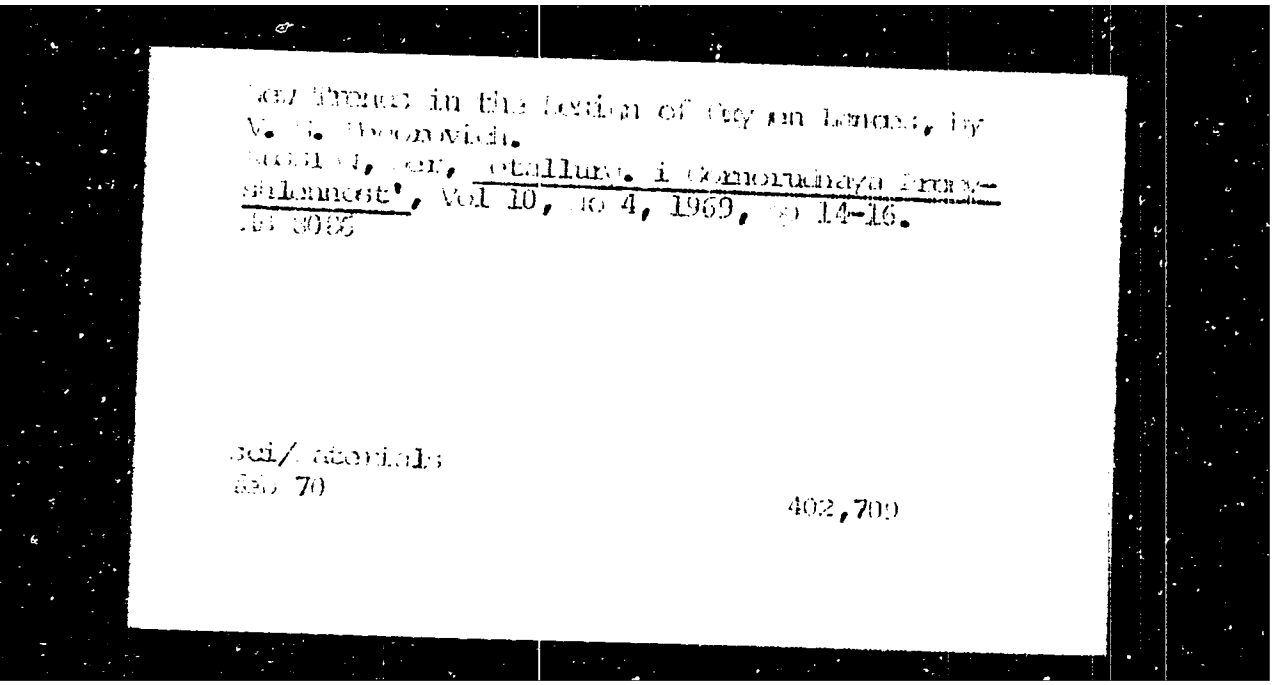

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(RZh 3085)

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ESO 70

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

Highly effective Industrial Lubricants for Cold Rolling [Metals], V. A. P. Grudev, et al. Moskva, Ser. Metallurg. i Gornorud. Promyshlennost', Vol 10, No 4, 1969, pp 19-22.
TO 8070

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HB 8030

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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Discrepancies Noted in Incentive Fund Rationale, by B. Z. Taranenko, A. I. Yalovoy, 6 pp. RUSSIAN, per, Metallurgicheskaya i Gornorudnaya Promyshlennost', Dnepropetrovsk, No 5, Sept-Oct 1969, pp 82-84.
JPRS 49673

USSR
Econ
Feb 70

399.545

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Change in the Technology of Smelting Ball-Bearing Steel in Electric-Arc Furnaces, by Yu. A. Gudim, D. Ya. Povolotskiy, et al. 8 pp.
RUSSIAN, per, Metallurgicheskaya i Gornorudnaya Promyshlennost' (Metallurgical, Mining, and Ore Dressing Industries), Vol 60, No 6, 1969, pp 13-16.
AIR/FTD/HT-23-885-70

July 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

Utilization of Synthetic Slag in the Centrifugal Casting of Alloy-Steel Tubular Billets, by M. I. Dzyuba.
RUSSIAN, per, Metallurg, i Gornorudn. Promyshlennost', Vol 10, No 6, 1969, pp 35-38.
HB 8160

Sci/Mat
Nov 70

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

Classification of Surface Defects of Rolled Tube Blooms and (Seamless) Tubes, by V. V. Pravosudovich, RUSSIAN, per. Metallurg. i Gornorudn. Promyshlennost', Vol 10, No 6, 1969, pp 41-45.
HB 8242

Sci/Mat
Sep 70

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Improving the Quality of Low-Alloy Magnesium-Inoculated Cast Iron Rolls, by N. P. Koteshov. RUSSIAN, per, Metallurg. i Gornorudn. Promyshlen-Nost', Vol 10, No 6, 1960, pp 57-59.
TR 8161

Sci/Mat
Nov 70

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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Savings from the Use of Freshly-Burnt Hot Lime in Basic Oxygen (Steel) Production,
by L. A. Malakhovskii,
RUSSIAN, per. Metallurg. I Gornorudn Promyshlennost, Vol II, No 1, 1970.
MB 8194

Sci/Mat
Sep 70

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Thermal Strengthening of Plate from Continuously Cast Rimmed Carbon Steel,
by E. V. Vol'tar,
RUSSIAN, per. Metallury I Gornorudnaya Promyshlennost, Vol II, No 1, 1970.
HB 8257

Sci/Mat
Sep 70

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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Gas Distribution and Utilization in the Blast Furnace with Varying Amounts and Compositions of the Hearth Gases in Individual Tuyere Zones, by A. D. Gotlib.

RUSSIAN, per, Metallurg. i Gornorudn. Promyshlennost', Vol 11, No 1, 1970, pp 5-8.

HB 8197

sci/mat
nov 70

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

Investigation of the Load-Bearing Capacity of Structures Made from Thermally-Strengthened Low-Carbon Steel, at a Subzero Temperature, by I. E. Spengler and I. K. Florov, RUSSIAN, per. Metallurg I Gornorudnaya Promyshlennost, Vol II, No 1, 1970, pp 39-42, HB 8118

Sci/Mat
Sep 70

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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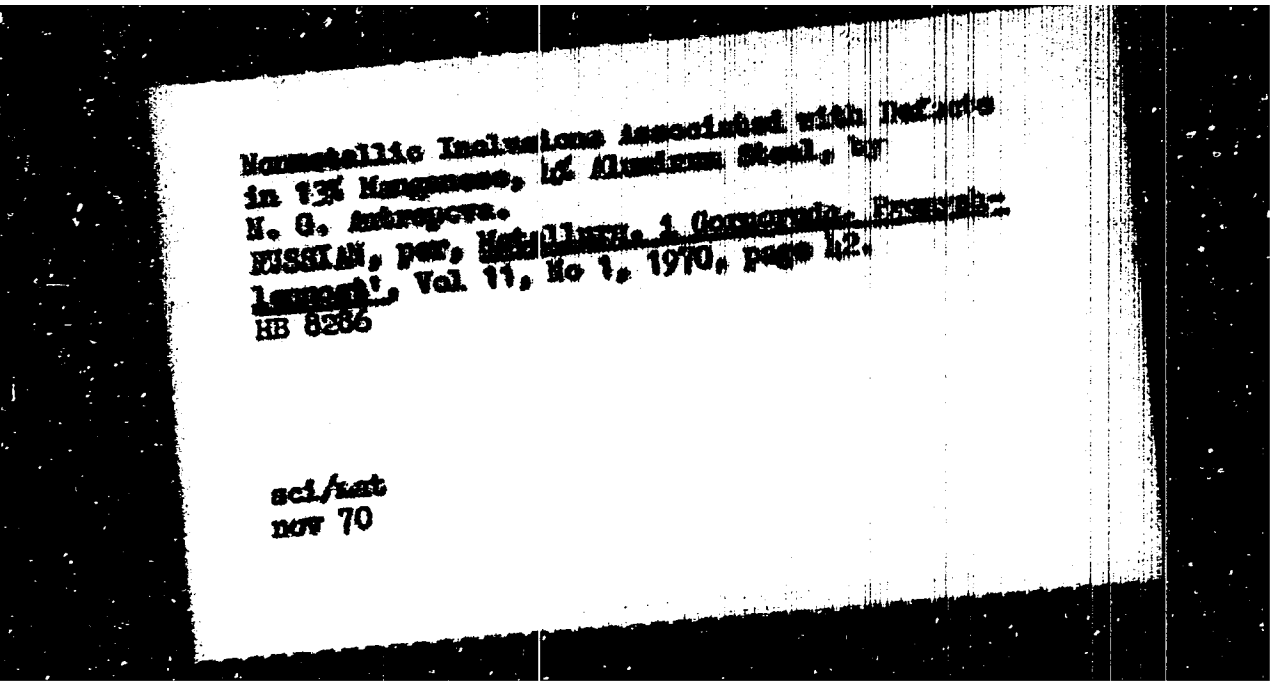

Nonmetallic Inclusions Associated with Defects in 13% Manganese, 1% Aluminum Steel, by N. G. Antropova.
RUSSIAN, per, Metallurg. i Gornorud. Prom-st', Vol 11, No 1, 1970, page 42.
HB 8266

sci/tat
nov 70

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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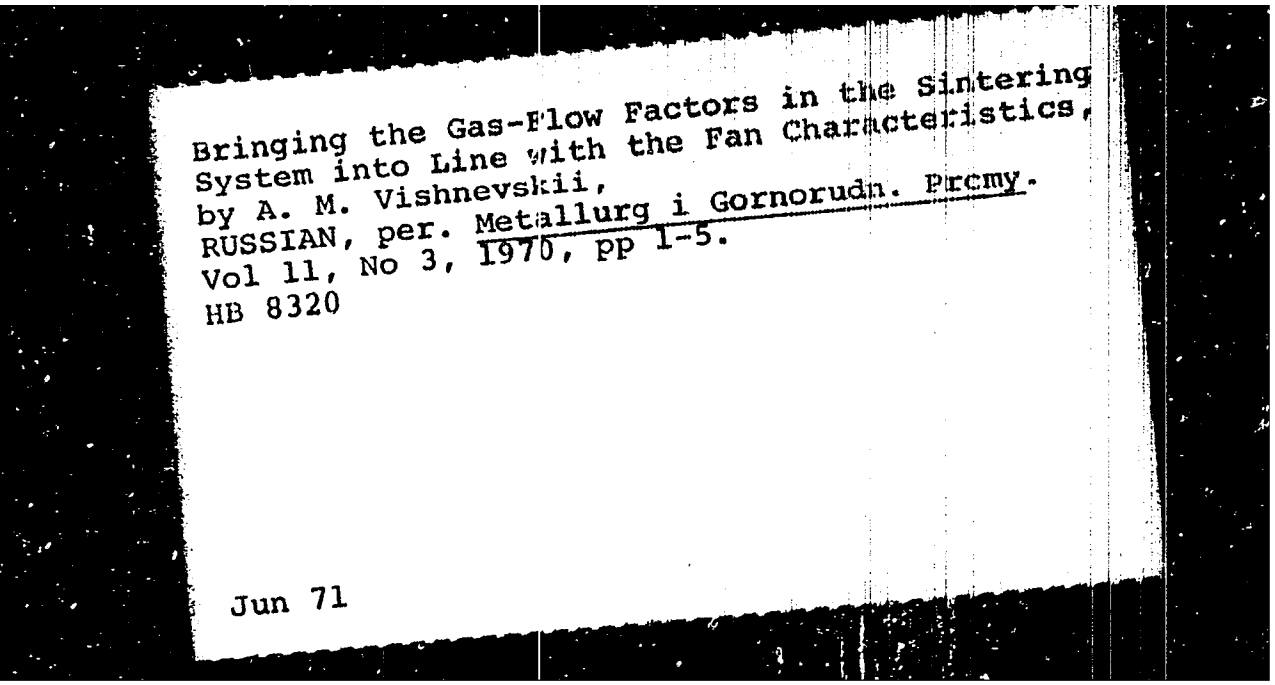

Bringing the Gas-Flow Factors in the Sintering System into Line with the Fan Characteristics,
by A. M. Vishnevskii,
RUSSIAN, per. Metallurg i Gornorudn. Prcmy.
Vol 11, No 3, 1970, pp 1-5.
HB 8320

Jun 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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Control of the Charge Materials Distribution [in Blast Furnace] With the Air of a Radio-isotope Contour Recorder, by V.A. Smolyak, and Yu. F. Yashin,
RUSSIAN, per. Metallurg. i Gornorudn. Prom., Vol 11, No 3, 1970, pp 9-12.
HB 8321

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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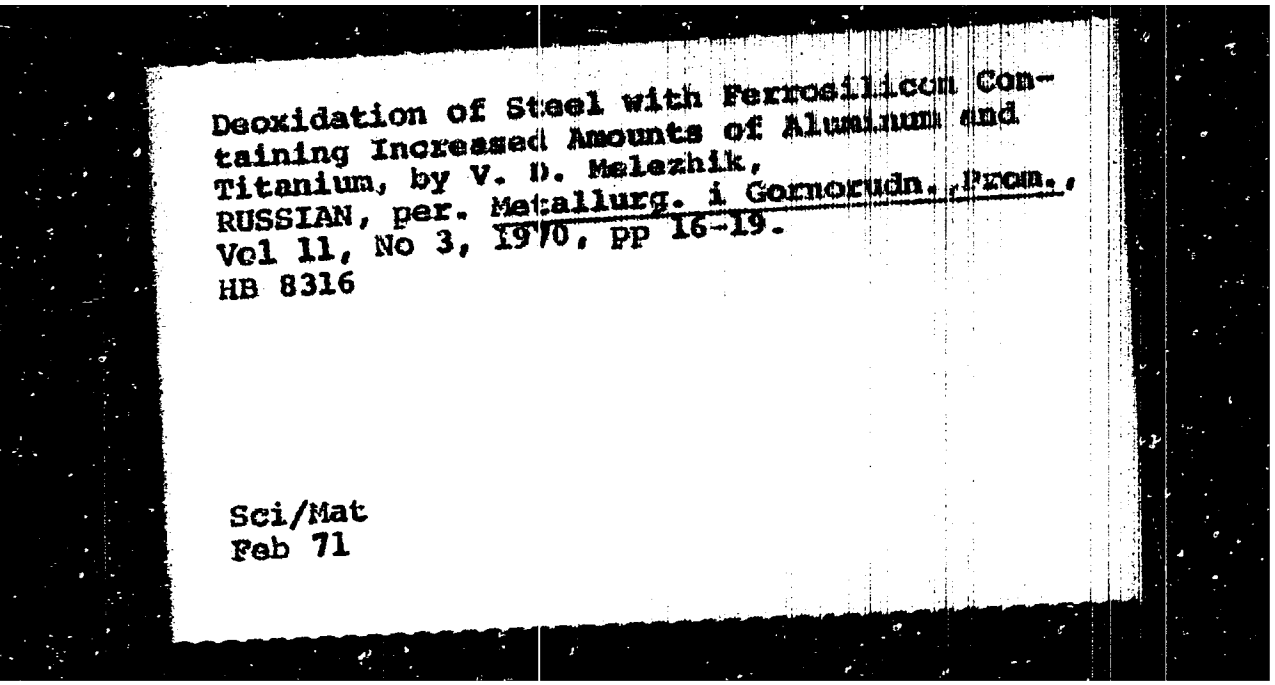

Deoxidation of Steel with Ferrosilicon Containing Increased Amounts of Aluminum and Titanium, by V. D. Melezhik,
RUSSIAN, per. Metallurg. i Gornorudn. Prom.,
Vol 11, No 3, 1970, pp 16-19.
HB 8316

Sci/Mat
Feb 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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Influence of Low-Temperature Deformation on the Plasticity of 13% Manganese Cast Steel, by N. M. Aptekar' and S. F. Karp, RUSSIAN, PER. Metallurg. i. Gornorudn. Prom., Vol 11, No 3, 1970, pp 57-58.
HB 8317

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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Variation in Temperature During the Sintering of An (Iron-Ore Mix, by V.A. Shurkhal, RUSSIAN, per. Metallurgich i Gornorudn Prom., Vol 11, No 4, 1970, pp 1-3.
HB 8528
NTC 72-60000-11F

Jan 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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Magnetometric Investigation of Pellets from Russian Mining-Beneficiation Plants,
by Z. I. Nekrasov,
RUSSIAN, per. Metallurgich i Gornorudn Prom.,
Vol 11, No 5, 1970, pp 1-3.
HB 8480

Nov 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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Operating Experience with Radiometric Stockline Indicators in Blast Furnaces, by V. I. Vasilenko, RUSSIAN, per. Metallurg. i Gornorudn. Promyshlennost', Vol 11, No 5, 1970, pp 7-9.
HB 8481

June 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

Improving the Equipment for Injection of Pulverized Fuel into the Blast-Furnace Hearth, by Z. I. Nekrasov,
RUSSIAN, per. Metallurgich i Gornorudn Prom., Vol 11, No 6, 1970, pp 1-4.,
HB 8531

Nov 71

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Production of Strong Sinter by Changing the Composition of the Liquid Phase Down the Bed, by G. G. Efimenko,
RUSSIAN, per. Metall i Gornorudn. Prom.,
Vol 12, No 6, 1970, pp 5-8.
HB 8532

Nov 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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Speed of Continuous Casting of Steel and the Development of Cracks on the Billet Surface, by L. S. Rudoi,
RUSSIAN, per. Metallurg. i Gornorudn. Prom., Vol 11, No 6, 1970, pp 11-13.
HB 8438

June 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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Surface Modification of the Working Layer of Ingot Moulds, by L. M. Cherkasov.
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BISI 10776

Jan 73

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

A. G. ASTAKHOV

Elimination of Segregation of Sintering Mix When Distributing it to the bins.
RUSSIAN, per, Metallurg i Gornorudn Prom, Vol 12, No 1, 1971, pp 8-10.
HB 8533

Nov 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

Change in State of Oxidation of Slag and Metal During the Injection of Oxygen into Open-hearth Baths, by V.Ya. Botcinskii, RUSSIAN, per. Metallurg i Gornodudn Prom., Vol 12, No 2, 1971, pp 8-9.
HB 8555

Aug 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

Effect of Transition Zone Upon Quality and Service Performance of Boronized Cases,
by N. I. Beda,
RUSSIAN, per. Metallurgich i Gornorudn Prom.,
Vol 12, No 2, 1971, pp 30-32.
HB 8563

Nov 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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Comparison of Two Methods of Cooling 1020 MM (40") Diameter Tubes for Thermal Strengthening, by L. G. Poznyakov.
RUSSIAN, per, Metallurg i Gornorudn. Prom, Vol 12, No 3, 1971, pp 37.
HB 8788

Jan 73

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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Investigation into the Causes of Impaired Ductility of Stainless Steel of the Martensitic Class, by S.Z. Yudovich,
RUSSIAN, per. Metallurg i Gornorudn Prom.,
Vol 12, No 3, 1971, pp 38-39.
HB 8780

Aug 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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Kinetics of Austenite Decomposition and Mechanical Properties of High-Strength Cr-Mn-Mo Steel, by V.I. Bol'shakov, RUSSIAN, per. Metallurg i Gornorudn Prom., Vol 12, No 3, 1971, pp 40-41.
HB 8781

Aug 72

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Improving the Surface Quality of Strip Steel,
by A.P. Chekmarev,
RUSSIAN, per. Metallurg i Gornorudn Prom.,
Vol 12, No 3, 1971, pp 82-83.
HB 8786

Aug 72

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Melting Tube Steels in Basic Oxygen Furnaces,
by V. F. Mazov.
RUSSIAN, per, Metall i Gornorudn. Promyshlennost,
Vol 12, No 3, 1971, pp 86-87.
HB 8504

Jan 73

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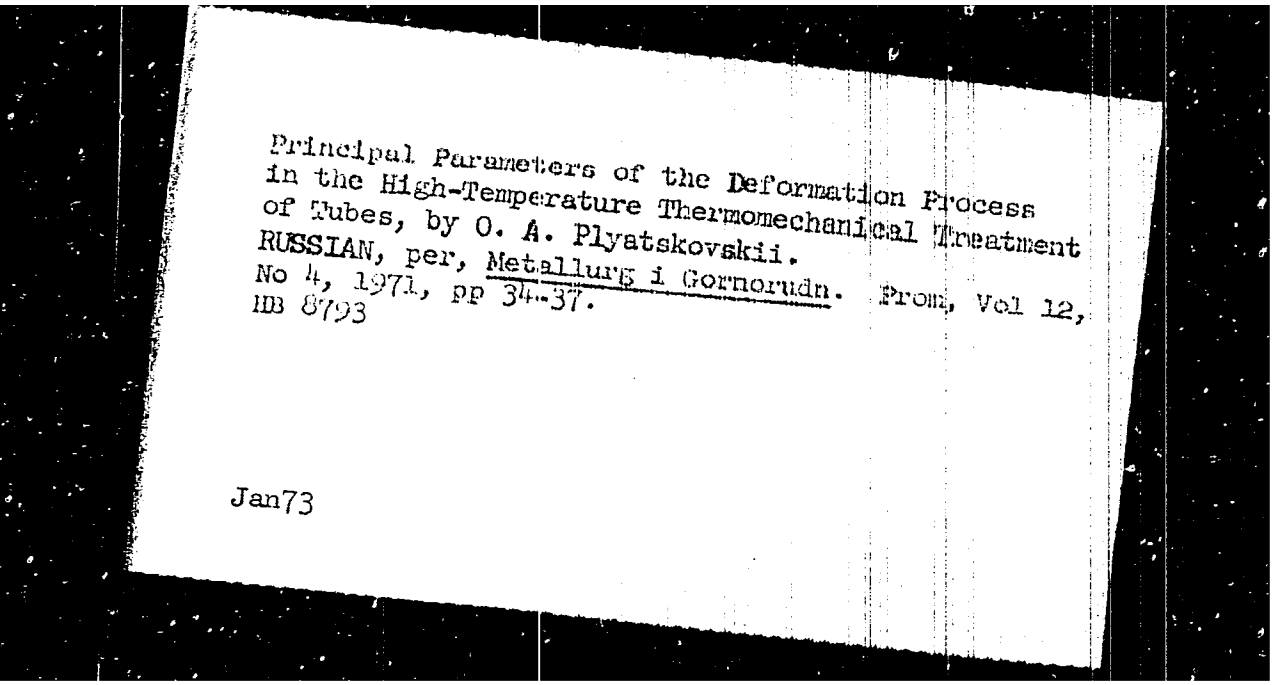

Principal Parameters of the Deformation Process in the High-Temperature Thermomechanical Treatment of Tubes, by O. A. Plyatskovskii.
RUSSIAN, per, Metallurg i Gornorudn. Prom, Vol 12, No 4, 1971, pp 34-37.
MB 8793

Jan73

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

YU. G. Solovyev

Thermal Condition of the Mold During the Forming of Tubes by Centrifugal Casting.

RUSSIAN, per, Metallurg i Gornorudn Prom, Vol 12, No 4, 1971, pp 37-39.

HB 8791

Nov 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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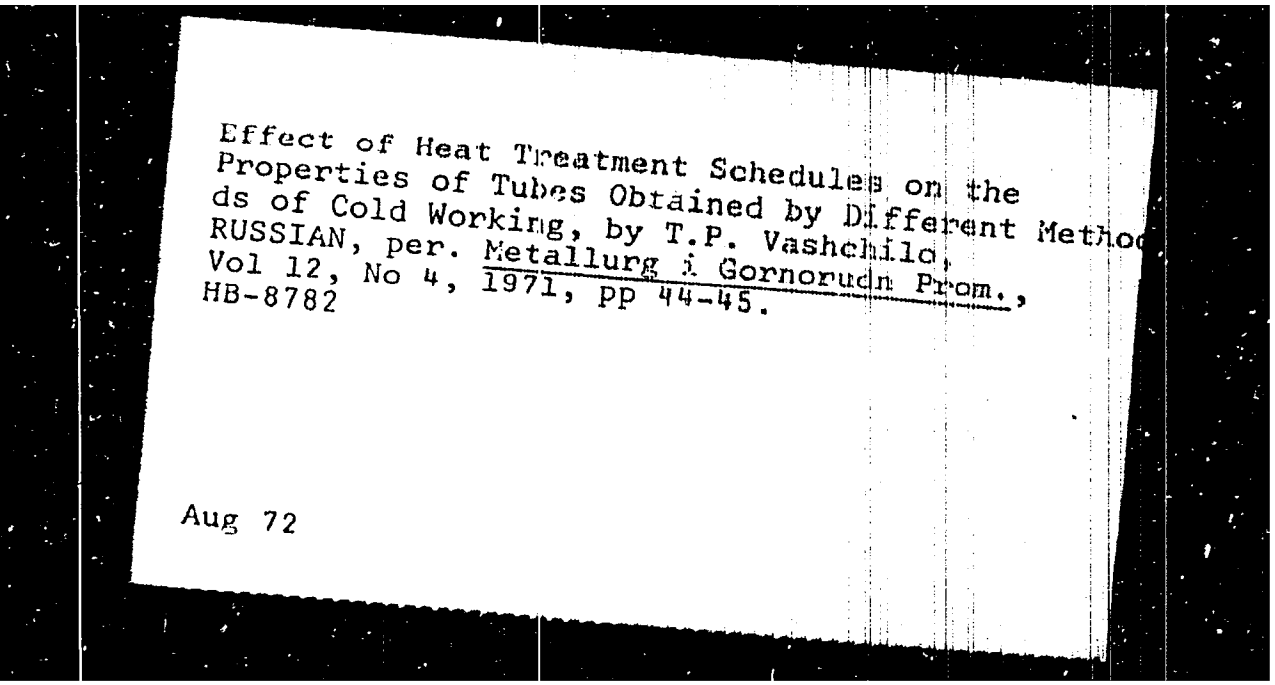

Effect of Heat Treatment Schedules on the Properties of Tubes Obtained by Different Methods of Cold Working, by T.P. Vashchilo, RUSSIAN, per. Metallurg i Gornorudn Prom., Vol 12, No 4, 1971, pp 44-45. HB-8782

Aug 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130062-5

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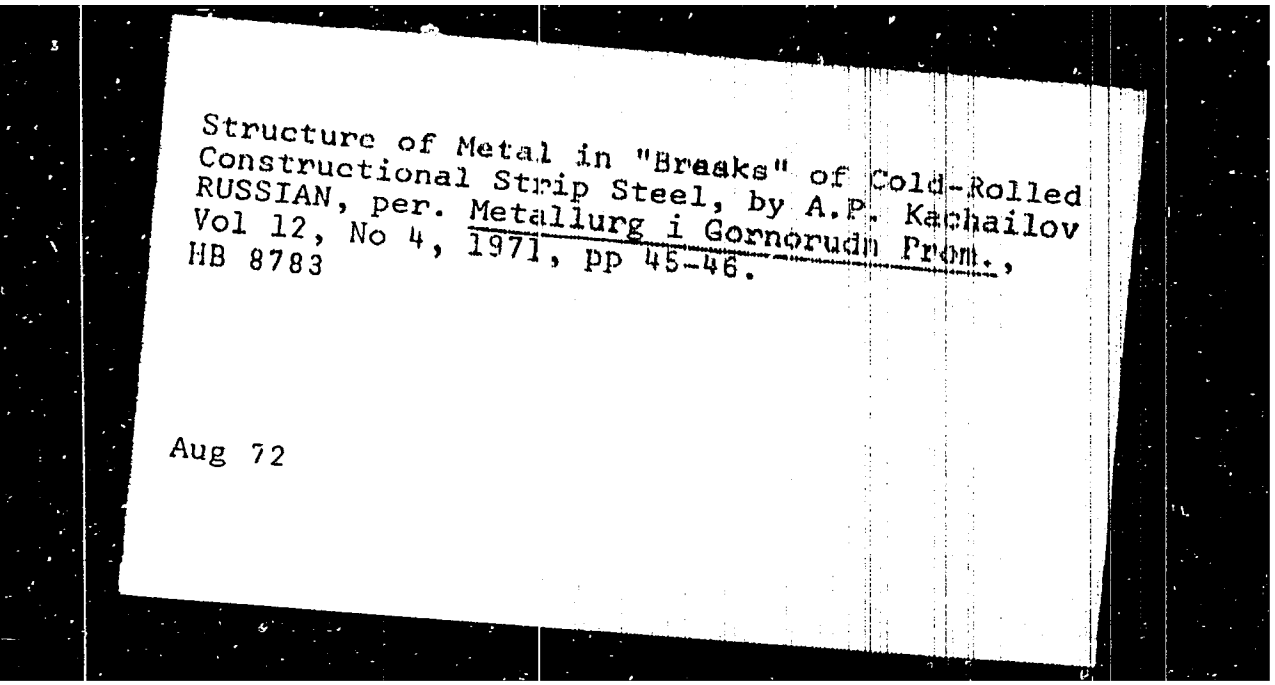

Structure of Metal in "Breaks" of Cold-Rolled Constructional Strip Steel, by A.P. Kachailov
RUSSIAN, per. Metallurg i Gornorudn Prom.,
Vol 12, No 4, 1971, pp 45-46.
HB 8783

Aug 72

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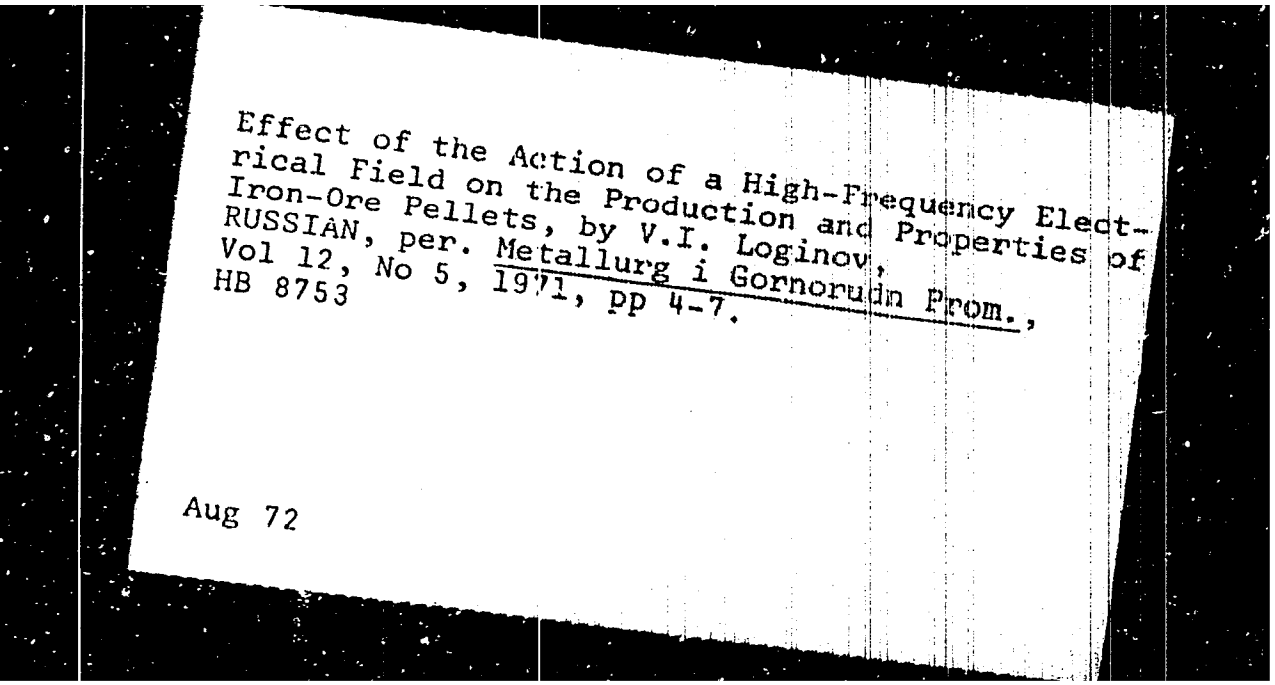

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